



Material Safety Data Sheet

OMNI® TOTAL ALKALINITY INCREASER

Version: 1.0

Revision Date: 25.04.2011

Print Date: 16.11.2011

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: OMNI® TOTAL ALKALINITY INCREASER

Company: Supplier:
BioLab Australia Pty Ltd
Level 7, 435 King William St
Adelaide SA
5000
Australia
Telefax : 1800 656 408 or +61 8 8112 0999

Emergency telephone number: +61 2 8014 4558

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by: Product Safety Department
(US) +1 866-430-2775

Further information for the safety data sheet : MSDSRequest@chemtura.com

2. HAZARDS IDENTIFICATION

Classified according to the criteria of NOHSC.
NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

Standard for the Uniform : No poison schedule number allocated
Scheduling of Medicines and
Poisons

R-phrase(s)

: NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF AUSTRALIAN NOHSC.

General advice : No hazards resulting from the material as supplied.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

none

Non-Hazardous components

Chemical Name	CAS-No.	Concentration
sodium hydrogencarbonate	144-55-8	100%

4. FIRST AID MEASURES

- General advice : For advice, contact a Poisons Information Centre (Phone: Australia 131 126 or New Zealand 0800 764 766) or a doctor at once.
- Inhalation : If breathed in, move person into fresh air.
Give oxygen or artificial respiration if needed.
If symptoms persist, call a physician.
- Skin contact : Wash off immediately with plenty of water for at least 15 minutes.
If symptoms persist, call a physician.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids.
If symptoms persist, call a physician.
- Ingestion : Do NOT induce vomiting.
Never give anything by mouth to an unconscious person.
Clean mouth with water and drink afterwards plenty of water.
If symptoms persist, call a physician.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Carbon dioxide (CO₂)
Dry sand
Dry chemical
Water mist
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during fire fighting : The product itself does not burn.
Thermal decomposition can lead to release of irritating gases and vapours.
- Special protective equipment for fire-fighters : Wear self contained breathing apparatus for fire fighting if necessary.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the



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surrounding environment.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation.
Use personal protective equipment.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
- Methods for cleaning up : Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13).

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Avoid contact with skin, eyes and clothing.
Avoid dust formation.
Do not breathe vapours/dust.
Use only in area provided with appropriate exhaust ventilation.

Storage

- Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.
To maintain product quality, do not store in heat or direct sunlight.
- Other data : Stable under normal conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

We are not aware of any national exposure limit.

Personal protective equipment

- Respiratory protection : Dust safety masks are recommended when the dust concentration is more than 10 mg/m³.
- Hand protection : Impervious butyl rubber gloves
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.



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Eye protection : Safety glasses with side-shields

Hygiene measures : Keep away from food and drink.
Avoid contact with the skin and the eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : powder

Colour : white

Odour : odourless

Safety data

Flash point : Note: not applicable

pH : 8.1 - 8.3
at 25 °C

Melting point/range : 270 °C

Boiling point/boiling range : Note: not applicable

Relative density : 2.25

Water solubility : 96 g/l
at 20 °C

10. STABILITY AND REACTIVITY

Hazardous decomposition products : Note: Sodium oxides
Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50: 7.3 mg/kg
Species: rat

Acute inhalation toxicity : LC50: > 4.74 mg/l
Species: rat



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Eye irritation : Species: rabbit
Result: Mild eye irritation

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50: 7,700 mg/l
Exposure time: 96 h
Species: Oncorhynchus mykiss (rainbow trout)

: LC50: 7,100 mg/l
Exposure time: 96 h
Species: Lepomis macrochirus (Bluegill sunfish)

Toxicity to daphnia and other aquatic invertebrates. : LC50: > 1,100 mg/l
Exposure time: 24 h
Species: Daphnia magna (Water flea)

Toxicity to algae : EC50: 650 mg/l
Exposure time: 120 h
Species: Algae

Further information on ecology

13. DISPOSAL CONSIDERATIONS

Product : Dispose of in accordance with local regulations.
Dispose of wastes in an approved waste disposal facility.

14. TRANSPORT INFORMATION

ADG
Not dangerous goods

ADR
Not dangerous goods



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IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

15. REGULATORY INFORMATION

R-phrases) : NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF AUSTRALIAN NOHSC.

National regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons : No poison schedule number allocated

Other international regulations

Notification status

REACH : This mixture contains only ingredients which have been subject to a pre-registration according to Regulation (EC) No. 1907/2006 (REACH).

CH INV : The formulation contains substances listed on the Swiss Inventory

US.TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL list.

AICS : On the inventory, or in compliance with the inventory

NZIoC : This substance may be used as a single component chemical under an appropriate group standard

ENCS : Not in compliance with the inventory

ISHL : Not in compliance with the inventory

KECI : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory



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16. OTHER INFORMATION

Further information

Carechem24 International Worldwide Coverage - Chemtura Corporation

Emergency Phone Number

Europe:	All European Countries	+44 (0) 1235 239 670
Asia Pacific:	East / South East Asia – Regional Number	+65 3158 1074
	Australia	+61 2801 44558
	New Zealand	+64 9929 1483
	China Taiwan	+86 10 5100 3039
	Japan	+81 345 789 341
	Indonesia	00780 3011 0293
	Malaysia	+60 3 6207 4347
	Thailand	001800 1 2066 6751
	Korea	+65 3158 1285
	Vietnam	+65 3158 1255
	India	+65 3158 1198
	Pakistan	+65 3158 1329
	Philippines	+65 31581203
	Sri Lanka	+65 3158 1195
	Bangladesh	+65 3158 1200
Middle East / Africa:	Arabic speaking countries	+44 (0) 1235 239 671
	All other countries	+44 (0) 1235 239 670
America	United States / Canada	001866 928 0789
Latin America:	Brazil	+55 113 711 9144
	All other countries	+44 (0) 1235 239 670
	Mexico	+52 555 004 87 63

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End of Safety Data Sheet